

04-30-01

A

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Miller and Ghahghahi  
 Title: Ball Assignment for Ball Grid Array Package  
 Filing date: 2001.04.27  
 Express mail number: EL 600 510 739 US  
 Attorney docket: 01-008  
 Customer number: 000408

## UTILITY PATENT APPLICATION TRANSMITTAL

Box Patent Application  
 Assistant Commissioner for Patents  
 Washington DC 20231

Sir:

Transmitted herewith for filing is the patent application described above. Enclosed are:

- ☒ Specification (22 pages total).  
☒ Drawings (10 sheets total).  
☒ Declaration and power of attorney (3 pages total).  
☒ Assignment with cover sheet (2 pages total).  
☐ Information disclosure statement and PTO-1449 (# pages total).  
☐ Copies of IDS citations (# documents total).  
☐ Check in the amount of \$#.   
☒ Return receipt postcard with all items specifically itemized.

	# Filed	# Extra	Small Entity Rate	Fee	Large Entity Rate	Fee
Basic Fee			@ 355	\$	@ 710	\$710
Total Claims	32 - 20	= 12	@ \$9	\$	@ \$18	\$216
Independent Claims	3 - 3	= 0	@ \$40	\$	@ \$80	\$
Multiple Dependent Claims		= 0	+\$135	\$	+\$270	\$
Total				\$		\$926

The Commissioner is hereby authorized to charge payment of filing fees under 37 C.F.R. § 1.16 and processing fees under 37 C.F.R. § 1.17, and credit any overpayment to the **LSI Logic Corporation deposit account number 12-2252**.

2001.04.27  
 Date

*Rick Barnes*  
 Rick Barnes, 39,596

## NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application **not be published** under 35 U.S.C. 122(b).

2001.04.27  
 Date

*Rick Barnes*  
 Rick Barnes, 39,596

04/27/01  
 JC971 U.S. PTO  
 09/844530

JC971 U.S. PTO  
 09/844530  
 04/27/01

09844530-042701

# FEE TRANSMITTAL

Patent Fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$ ) 0.00

## Complete if Known

Application Number 09/844,530  
Filing Date April-27, 2001  
First Named Inventor Leah Miller  
Group Art Unit 2841  
Examiner Name Ishwar B. Patel  
Attorney Docket No. 56248.US / 01-008

## METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge the indicated fees and credit any over payment to:

Deposit Account Number 12-2252

Deposit Account Number LSI LOGIC CORPORATION

☒ Charge Any Additional Fee required Under 37

☐ Charge the Issue Fee at the Mailing of the Notice of

2. ☐ Payment Enclosed:

☐ Chec ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Larg eFee Code	Entit yFee (\$)	Larg eFee Code	Entit yFee (\$)	Fee Description	Fee Paid
101	790	201	395	Utility filing fee	
106	330	206	165	Design filing fee	
107	540	207	270	Plant filing fee	
108	790	208	395	Reissue filing fee	
114	150	214	75	Provisional Filing fee	

SUBTOTAL (1) (\$ ) 0.00

### 2. EXTRA CLAIM FEES

Extra Claim		Fee from	Fee Paid
Total claim	-20**=		
Independent tClaims	-3**=		
Multiple Dependent			

\*\*or number previously paid, if greater; For Reissues, see below

Larg eFee Code	Entit yFee (\$)	Larg eFee Code	Entit yFee (\$)	Fee Description
103	22	203	11	Claims in excess of 20
102	82	202	41	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	82	209	41	**Reissue independent claims over original patent
110	22	210	11	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ ) 0.00

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Larg eFee Code	Entit yFee (\$)	Larg eFee Code	Entit yFee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
106	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing request for reexamination	
112	920*	112	920	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second mont	
117	950	217	475	Extension for reply within third mont	
118	1510	218	755	Extension for reply within fourth mont	
128	2,060	228	1,030	Extension for reply within fifth mont	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appea	
121	270	221	135	Request for oral hearin	
138	1,510	138	1,510	Petition to institute a public use proceedin	
140	110	240	55	Petition to revive - unavoidable	
141	1,320	241	660	Petition to revive - unintentional	
142	1,320	242	660	Utility issue fee (or reissue	
143	450	243	225	Design issue fee	
144	670	244	335	Plant issue fee	
122	130	122	130	Petitions to the Commissione	
123	50	123	50	Petitions related to provisional application	
126	240	126	240	Submission of Information Disclosure Stm	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129	
149	790	249	395	For each additional invention to be examined (37 CFR 1.129 (b))	

Other fee (specify) Restriction Requirement

Other fee (specify) Response

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ ) 0.00

## SUBMITTED BY

Typed or printed name

John Chen

Signature

*John Chen*

Date

12/19/01

## Complete (if applicable)

Reg. Number

39,136

Deposit Account User ID

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO : Assistant Commissioner for Patents, Washington, DC 20231.

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PATENT APPLICATION SERIAL NO. \_\_\_\_\_

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
FEE RECORD SHEET

05/03/2001 MWOLDER1 00000015 122252 09844530

01 FC:101	710.00 CH
02 FC:103	216.00 CH